

**USDA/OCE World Agricultural Outlook Board  
Stoneville Field Office  
and  
Mississippi State University Delta Research and Extension Center  
Summary of Agricultural Weather Observations\* - 2006**

AIR TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Average Maximum	60.6	52.6	67.2	80.5	84.1	91.0	93.2	95.9	86.7	77.0	65.4	57.4	76.0
Average Minimum	39.6	33.7	45.1	58.8	63.5	69.2	72.1	73.0	60.6	52.0	41.5	37.5	53.9
Departure of Mean From Normal**	8.5	-3.3	-1.4	6.0	1.2	0.3	0.2	3.5	-1.3	0.2	-0.1	2.6	1.4
Highest Temperature	74.0	74.0	86.0	94.0	94.0	96.0	101.0	102.0	97.0	96.0	80.0	74.0	102.0
Lowest Temperature	28.0	21.0	34.0	43.0	52.0	61.0	63.0	63.0	46.0	37.0	29.0	16.0	16.0
SOIL TEMPERATURE AVERAGES													
2 inch maximum	58.4	54.9	70.2	85.9	92.8	103.0	104.6	105.6	93.5	80.5	64.9	57.2	81.0
2 inch minimum	41.8	38.1	47.9	63.6	69.7	78.3	82.3	83.3	71.4	60.0	46.8	42.6	60.5
4 inch maximum	56.0	52.4	65.7	80.6	86.6	96.1	97.9	98.8	88.3	76.6	61.4	54.6	76.2
4 inch minimum	45.7	42.6	52.2	67.1	72.6	81.2	84.7	86.2	75.5	64.7	51.2	46.4	64.2
8 inch maximum	53.4	50.0	60.3	74.3	80.1	88.8	91.7	92.7	75.5	73.2	59.3	53.9	71.1
8 inch minimum	49.6	46.2	56.2	69.5	75.1	83.4	86.5	88.7	83.6	69.4	54.9	49.7	67.7
20 inch observation	53.9	51.2	57.8	69.2	74.7	83.2	86.3	88.2	79.6	73.5	60.7	55.9	69.5
TOTAL PRECIPITATION (inches)	7.61	5.80	5.44	7.38	2.86	1.81	1.78	1.56	2.72	8.64	2.61	7.32	55.53
DEPARTURE FROM 30 YR AVERAGE**	2.19	1.34	-0.19	1.94	-2.39	-2.21	-2.08	-0.49	-0.47	5.32	-2.59	1.87	2.24
AVG SOLAR RADIATION (langleys/day)	215	256	394	471	529	604	554	525	475	357	279	199	405
TOTAL EVAPORATION (inches)	0.00	0.00	0.00	6.72	7.42	8.87	8.67	8.65	7.59	4.73	0.00	0.00	52.65
TOTAL WIND RUN AT EVAP PAN (miles)	2564	2188	2711	2370	1684	1048	1311	1087	1456	1641	1665	2066	21791
RELATIVE HUMIDITY													
Average Maximum	93	94	92	89	92	91	91	92	92	91	95	95	92
Average Minimum	50	50	41	41	42	37	41	39	36	37	51	57	44

LAST SPRING FREEZE/AIR TEMP <=32, FEB 27 - FIRST FALL FREEZE/AIR TEMP <=32, NOV 20 - 266 GROWING SEASON DAYS, NORMAL 260 DAYS\*\*\*

NEW HIGH TEMP RECORDS WERE SET ON MAR 13 (86° F), APR 18 (90° F) & 19 (94° F), JUL 19 (101° F), OCT 2 (94° F), 4 (94° F) & 5 (96° F).

NEW LOW TEMP RECORDS WERE SET ON FEB 20 (21° F), DEC 4 (22° F) & 8 (16° F).

ADDITIONAL INFO: 3rd WETTEST OCTOBER.

\*BASED ON DATA FROM THE NATIONAL WEATHER SERVICE COOPERATIVE OBSERVING STATION LOCATED IN STONEVILLE, MS

\*\*Monthly normals were based on the period of record from 1971-2000 and were obtained from NOAA/NESDIS/NCDC

\*\*\*Growing season normal was based on the period of record from 1971-2000 in Stoneville